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Docket: 71626 US03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Shelton et al.

Serial No.: 10/796,235

Group Art Unit:

Filed: March 09, 2004

Examiner:

For: LOW MOLECULAR WEIGHT CARBOXYALKYCELLULOSE ESTERS AND  
THEIR USE AS LOW VISCOSITY BINDERS AND MODIFIERS IN COATING  
COMPOSITIONS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

UNDER 37 CFR 1.97(b)

In accordance with 37 CFR 1.56, the documents listed on the attached Information Disclosure Statement by Applicant are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

Copies of the cited documents are enclosed.

☐ An International Search Report in connection with the corresponding PCT application has been received. A copy is enclosed.

The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Respectfully submitted,

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12 May 2004  
Date

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper(s) referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jo Ann White

May 12, 2004  
Date

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Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number		71626 US03			
				First Named Inventor		Shelton et al.			
				COMPLETE IF KNOWN					
				Application Number		10/796,235			
				Filing Date		March 09, 2004			
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Sheet	2	of	4	Examiner Name					

		5,962,677		Murakami et al.	10-05-1999
		5,990,304		Kiyose et al.	11-23-1999
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		6,303,670	B1	Fujino et al.	10-16-2001
		6,407,224	B1	Mironov et al.	06-18-2002
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		10/796,176		Shelton et al.	03-09-2004

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	51-119088	/	Asahi Dow K.K.	10-19-1976	
		JP	51-119089	/	Asahi Dow K.K.	10-19-1976	
		WO	91/16356	/	Eastman Kodak Company	10-31-1991	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		Kirk-Othmer, Encyclopedia of Chemical Technology, Fourth Ed., vol. 5, pp. 496-529, 509 (1993), John Wiley & Sons, New York, New York	✓	
		Nishimura, T.; Nakatsubo, F. "Chemical Synthesis of Cellulose Derivatives by a Convergent Synthetic Method and Several of Their Properites," Cellulose, 1997, 4, 109	✓	
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		Miyamoto, T.; Sato, Y.; Shibata, T.; Inagaki, H.; Tanahashi, M; J. Polym. Sci., Polym. Chem. Ed., 1984, 22, 2363	✓	
		Buchanan, C. M.; Hyatt, J. A.; Kelley, S. S.; Little, J. L.; Macromolecules, 1990, 23, 3747	✓	
		Dickey, E. E.; Wolfrom, J. L., "A Polymer-Homologous Series of Sugar Acetates from the Acetolysis of Cellulose,; J. Am. Chem. Soc., 1949, 825	✓	
		Wolfrom, M. L.; Dacons, J. C., "The Polymer-Homologous Series of Oligosaccharides from Cellulose," J. Am. Chem. Soc., 1952, 5331	✓	

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				Group Art Unit	
Sheet	4	of	4	Examiner Name	

[illegible]

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Attorney Docket Number 71626 US03

First Named Inventor Shelton et al.

COMPLETE IF KNOWN

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Group Art Unit

Sheet

1

of

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Examiner Name

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
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		1,683,347		Gray et al.	09-04-1928
		1,878,954		Malm	09-20-1932
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		3,386,932		Steinmann	06-04-1968
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